

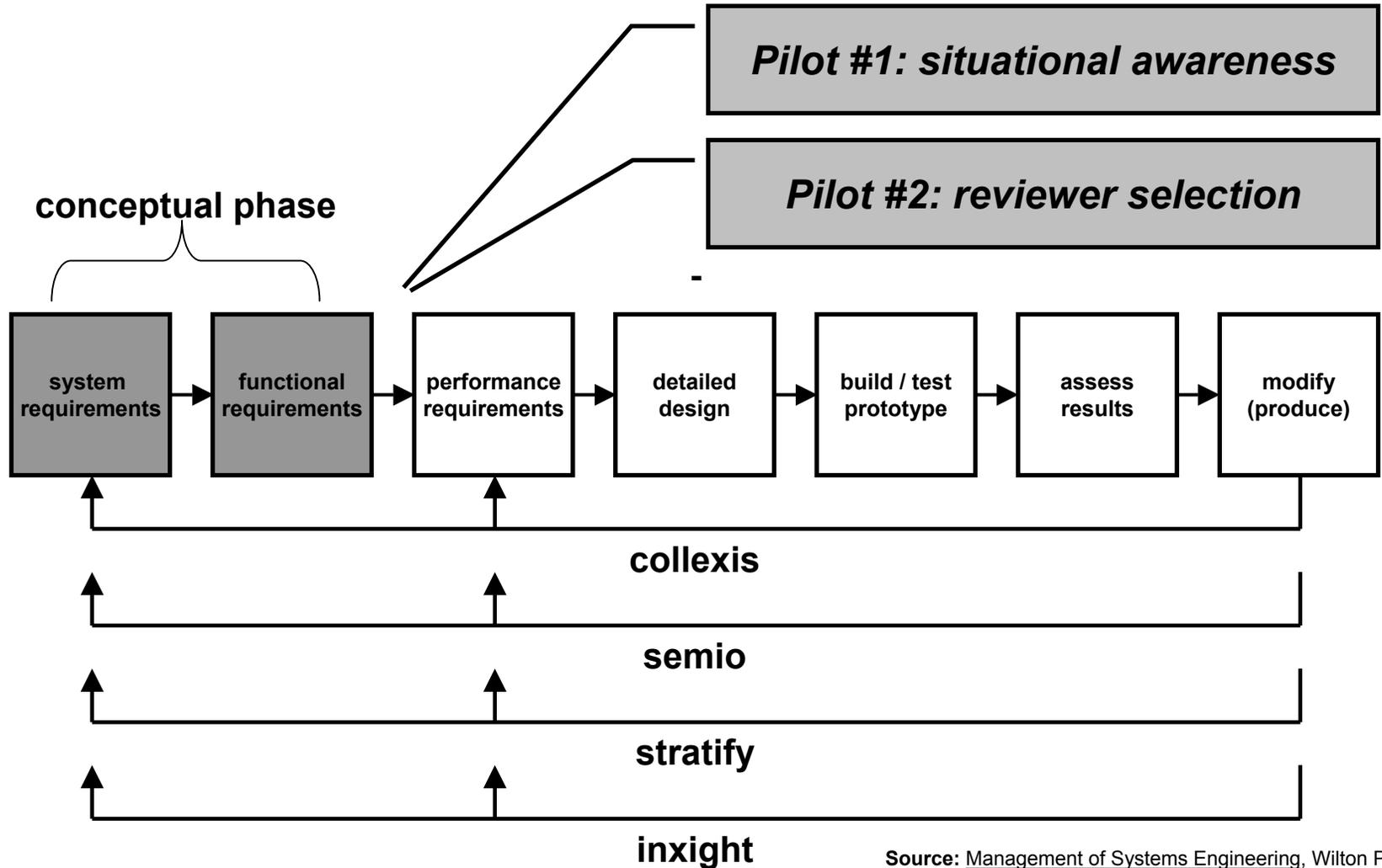
status report on knowledge management pilots

questions for the eRA Project Team Retreat

refresher: KM definition

function	applications
Retrieval	search engines, intelligent agents , push technology
Discovery	data mining, visualisation
Sharing	groupware, doc management, best practice DBs
Development	pattern recognition, concept mapping
Int. Capital	measurement systems, bibio- or scientometrics
Integration	mediation, portals, KM suites, After Action Reviews

km pilots



Source: Management of Systems Engineering, Wilton P. Chase

document analysis

View the context in which the concept arises:

- OR -

View the entire source document:

Document Text

Show Full Text

...recognition, alloreactivity, and autoimmunity. The basis for this model is the alloreactivity of a T cell, R28, specific for the RNase (41-61)/I-Ak determinant to the I-Ag7 molecule. R28 TCR transgenic mice (KRN) when crossed to the NOD strain exhibited pronounced joint **inflammation**. The KRN x NOD mice share most of the major clinical, histological and immunological features of human rheumatoid arthritis. The 100% disease incidence and the early and reproducible time of onset make this a very attractive and powerful model. In the studi...

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--Record_Id-
      P01A131238-10      0006
--INVESTIGATOR-
      ALLEN, PAUL M
--TITLE-
      TCR Ligands in Rheumatoid Arthritis
--NARRATIVE-
      Susceptibility to autoimmune diseases has been directly linked to the major histocompatibility complex (MHC); however, the role the MHC gene products play has not been ascertained. We propose to utilize a recently described murine model of rheumatoid arthritis (RA) to investigate the relationships between self-peptide recognition, alloreactivity, and autoimmunity. The basis for this model is the alloreactivity of a T cell, R28, specific for the RNase (41-61)/I-Ak determinant to the I-Ag7 molecule. R28 TCR transgenic mice (KRN) when crossed to the NOD strain exhibited pronounced joint inflammation. The KRN x NOD mice share most of the major clinical, histological and immunological features of human rheumatoid arthritis. The 100% disease incidence and the early and reproducible time of onset make this a very attractive and powerful model. In the studies proposed in aim I, we will identify using peptide libraries an allomimotope peptide, which can stimulate the KRN T cells. This recognition will then be compared and contrasted to that of RNase (41-61)/I-Ak. These studies will provide a structural definition of the different ligands recognized by KRN T cells and insights into what type of recognition events are involved in autoreactivity. In aim II we propose to test in vivo the ability of altered peptide ligands to block the induction and development of RA. We will also involve directly visualizing in vivo the location and function of the autoreactive T cells. These in vivo studies will establish the potential of altered peptide ligands to treat RA. In aim III, we propose to identify what properties of the target ligands are necessary for disease induction. These studies will involve a second alloligand of the KRN T cells, I-AkA65, which differs from the I-Ag7 molecule in several biochemical and functional properties. Overall, these proposed studies will provide important new insights into the relationship between the T cell recognition of antigen and the development of autoimmune disease.
--THESAURUS_TERMS-
      laboratory mouse
      transgenic animal
      T lymphocyte
      cellular pathology
      molecular pathology
      pathologic process
      ligand
      disease /disorder model
```

mediation

Taxonomy Drill Down Path:

Root Category > CRISP Abstract > Diseases > Immunologic Diseases > Autoimmune Diseases

Taxonomy

Browse Categories
Root Category
▼ Crisp Abstract
▼ Diseases
▼ Immunologic Diseases
▼ Autoimmune Diseases
▶ Autoimmune Diseases of the Nervous System
▶ Autoimmune Thyroiditis
▶ Bullous Pemphigoid
▶ Graves' Disease
▶ Insulin-Dependent Diabetes Mellitus
▶ Lambert-Eaton Myasthenic Syndrome
▶ Membranous Glomerulonephritis
▶ Pemphigus
▶ Rheumatoid Arthritis
▶ Systemic Lupus Erythematosus

Content

Autoimmune Diseases	
Document Matches: (1 - 10 of 108)	
Order Documents By: <input type="text" value="Weight"/> <input type="text" value="Descending"/>	
1.	http://snapper/crisp/cr011/r13ar47604-01.txt -Record_Id- R13AR47604-01 -INVESTIGATOR- BYSTRYN, JEAN-CLAUDE, M.D. -TITLE- PEMPHIGUS AS A MODEL ORGAN-SPECIFIC AUTOIMMUNE DISEASE -NARRATIVE- DESCRIPTION (Taken from the applicant's abstract): The purpose of the Pemphigus Conference will be ... URL: http://snapper/crisp/cr011/r13ar47604-01.txt 55%
2.	http://snapper/crisp/cr011/r01ai42316-05.txt -Record_Id- R01AI42316-05 -INVESTIGATOR- WUCHERPENNIG, KAI W -TITLE- MOLECULAR MECHANISMS OF MHC LINKED SUSCEPTIBILITY - NARRATIVE- DESCRIPTION: (Adapted from the applicant's abstract) - The major histocompatibility complex (MHC) is an ... URL: http://snapper/crisp/cr011/r01ai42316-05.txt 53%
3.	http://snapper/crisp/cr011/r01hl67347-01.txt -Record_Id- R01HL67347-01 -INVESTIGATOR- BALTHASAR, JOSEPH P -TITLE- Pharmacology and bioengineering of new treatments of ITP - NARRATIVE- Immune thrombocytopenia (ITP), a common autoimmune disease, affects a large population of ... URL: http://snapper/crisp/cr011/r01hl67347-01.txt 34%
4.	http://snapper/crisp/cr011/r21ai22519-17a1.txt -Record_Id- R21AI22519-17A1 -INVESTIGATOR- WILSON, DARCY B -TITLE- IMMUNE REGULATION -NARRATIVE- DESCRIPTION: (Adapted from the Investigator's abstract): A significant collection of very large synthetic combinatorial peptide libraries, ... URL: http://snapper/crisp/cr011/r21ai22519-17a1.txt 34%
5.	http://snapper/crisp/cr011/r03ar47757-02.txt -Record_Id- R03AR47757-02 -INVESTIGATOR- YI, AE-KYUNG -TITLE- ROLE OF PKD IN LEUKOCYTE ACTIVATION BY CPG DNA -NARRATIVE- DESCRIPTION (Taken from the application) Bacterial DNA can be found in the synovial fluid of some types of arthritis ... URL: http://snapper/crisp/cr011/r03ar47757-02.txt 34%

fingerprints: concept-based search

Simple search on text in "NIH" [Back to Collexion details](#)

Search text: "liver"
Fingerprint:
Concept: Rank:
Liver 1.0000
[modify this fingerprint](#)
New search by Text:

New search by document identifier:

Similar documents:
Time: 15 ms | found: 78 | algorithm: vector

1. **Serum Hyaluronan and Alcohol-Induced Liver Damage**
vector | portal | collexis | basic | jaccard | dice || view fingerprint || [del document](#)
2. **Elastographic Monitoring of Lesions During Ablation**
vector | portal | collexis | basic | jaccard | dice || view fingerprint || [del document](#)
3. **HIV, Drug Use and Hepatitis C Pathogenesis**
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4. **Quantitative Magnetic Susceptibility Imaging**
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5. **HIV Biliary Tract Disease in Patients with Cholestasis**
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6. **Gender, Genetics and Alcoholism in Korean Americans**
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7. **Targeted/Triggered Drug Delivery with Concomitant Imaging**
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8. **Cytomegalovirus Virulence in Immunodeficient Hosts**
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9. **A Quantitative Comparison of the Performance Levels of Three Phase Aberration Correction Algorithms**
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10. **Cost-Effectiveness Treatment for Chronic Hepatitis C**
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11. **Molecular Role of Rigui in Mammalian Circadian Pathway**
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12. **Hybrid X-Ray/MR Systems for Image-Guided Procedures**
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13. **Polymer Chelate Conjugates for Diagnostic Cancer Imaging**
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conceptual tuning

Similar documents:

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1. ○○○○○○ **Serum Hyaluronan and Alcohol-Induced Liver Damage**
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Collexis 3.5 - Administration - Microsoft Internet Explorer

Collexis® Version 3.6.0.14 Fingerprint

Source: NIH
Title: "Serum Hyaluronan and Alcohol-Induced Liver Damage"
Thesaurus: MeSH2002(English)

save this fingerprint

All 0	All 50	All 100	rank	concept				
5	0	25	50	75	100	+5	100	Volition
5	0	25	50	75	100	+5	52	Liver
5	0	25	50	75	100	+5	52	Alcohols
5	0	25	50	75	100	+5	28	Diet
5	0	25	50	75	100	+5	26	Mice
5	0	25	50	75	100	+5	22	Index
5	0	25	50	75	100	+5	13	Sensitivity Training Groups
5	0	25	50	75	100	+5	12	Patients
5	0	25	50	75	100	+5	11	Hydrogen-Ion Concentration
5	0	25	50	75	100	+5	11	Enzyme-Linked Immunosorbent Assay
5	0	25	50	75	100	+5	11	Testing
5	0	25	50	75	100	+5	9	Liver Diseases
5	0	25	50	75	100	+5	9	Alcoholism
5	0	25	50	75	100	+5	7	Polymorphism (Genetics)
5	0	25	50	75	100	+5	7	Fibrosis
5	0	25	50	75	100	+5	7	Fibrosis, Liver
5	0	25	50	75	100	+5	7	Measures
5	0	25	50	75	100	+5	7	Time
5	0	25	50	75	100	+5	7	Drinking
5	0	25	50	75	100	+5	7	Cirrhosis
5	0	25	50	75	100	+5	6	Alcohol Drinking

17 October 2002



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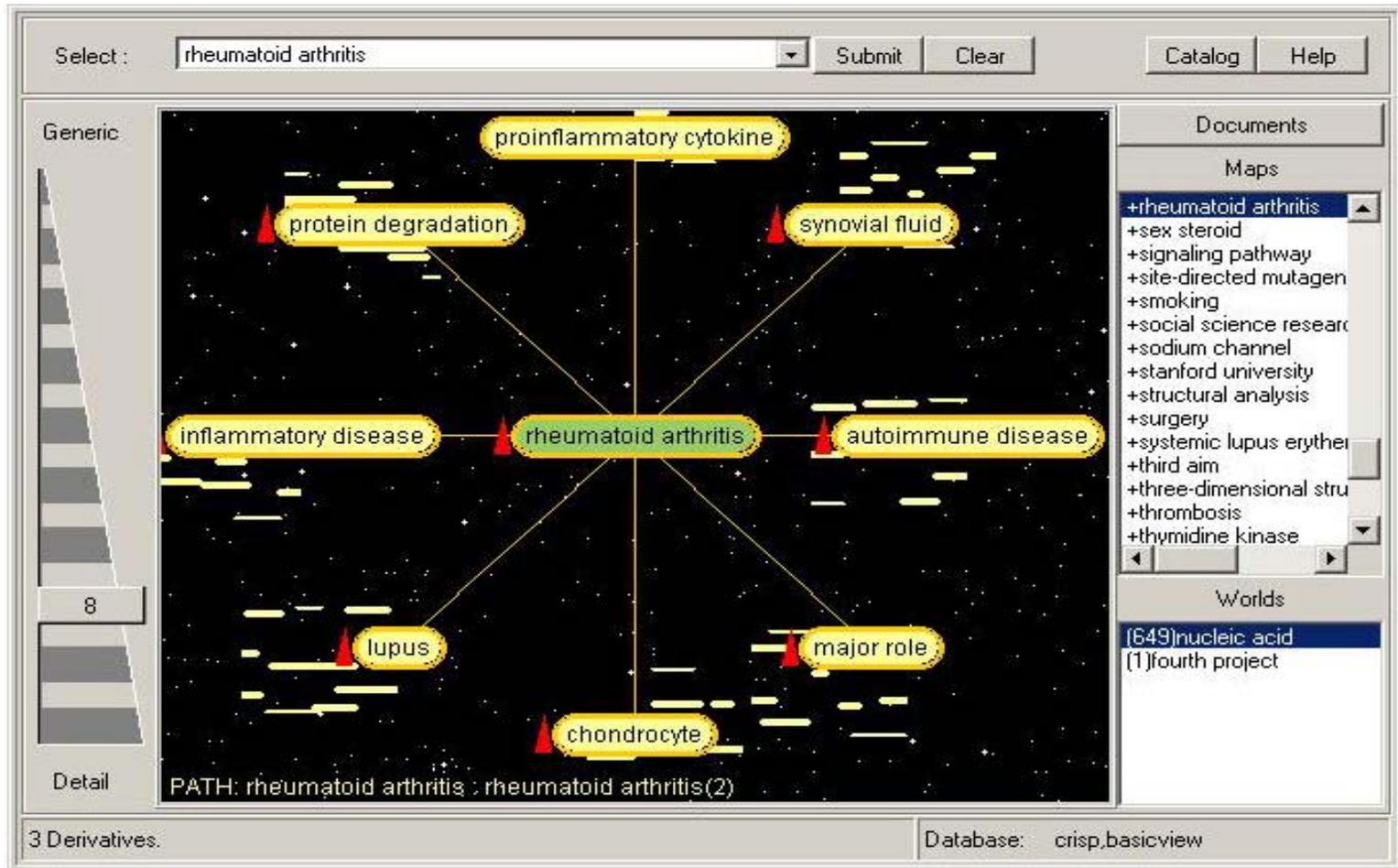
Source: NIH
Title: "Serum Hyaluronan and Alcohol-Induced Liver Damage"
Thesaurus: MeSH2002(English)

modify and save this fingerprint

- 100 Volition
- 52 Liver
- 52 Alcohols
- 28 Diet
- 26 Mice
- 22 Index
- 13 Sensitivity Training Groups
- 12 Patients
- 11 Hydrogen-Ion Concentration
- 11 Enzyme-Linked Immunosorbent Assay
- 11 Testing
- 9 Liver Diseases
- 9 Alcoholism
- 7 Polymorphism (Genetics)
- 7 Fibrosis
- 7 Fibrosis, Liver
- 7 Measures
- 7 Time
- 7 Drinking
- 7 Cirrhosis
- 6 Alcohol Drinking
- 6 Biochemistry
- 6 Planning
- 6 Research
- 5 Carbohydrates
- 5 Sepharose 4B
- 5 Standards
- 5 SGPT
- 5 Hyaluronan
- 5 Animal
- 5 Research Personnel
- 4 S Phase

Richard W. Morris <rmorris@niaid.nih.gov>

conceptual relationship management



for the retreat

What is the price point?

what is the “*price point*” ?

- end-user
- eRA leadership
- NIH leadership
- vendor
- switch to KM apps
- broad implementation
- invest and measure
- offer and train in KM

homework for the eRA retreat

- **analyst in OD**
- **extramural PO**
- **officer in CSRA**
- **officer in grants admin**
- *necessary conditions?*
- *necessary conditions?*
- *necessary conditions?*
- *necessary conditions?*

to start the discussion

Pilot 1 (Mediation)

Pilot 2 (Fingerprints)

Roles/People Enabled

- Program officers
- NIH Executives on committees and studies

- Referral Officers in CSR
- SRAs in CSR and in ICs

Tasks Transformed

- Serve on Trans-NIH (and Trans-HHS) committees
- Deal with material outside of own area of expertise

- Assign applications to ICs, IRGs and Study Sections
- Assign applications to reviewers

Expected Benefits (speed, quality)

- Quickly Make Sense of New Material
- Contribute better to committees

- Referral Guidelines incorporated
- Assistance in making assignments

end